

**PRINTER RUSH** ●  
**(PTO ASSISTANCE)**

Application : 09/762,617 Examiner : Sam Chuan Yao GAU : 1733

From: S. Winslow

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[RUSH] MESSAGE: Please provide abstract

*Thank you*

[XRUSH] RESPONSE: \_\_\_\_\_

*Completed 8-29-05*

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*o-mailed  
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9/26/05*

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**To:** Mrs. Burch**Firm:** United States Patent Office  
Patent Publications Publishing Division**Fax Number:** 7003/746-6830**Client Number:** HUN 0004 PA**Pages:** 2  
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Applicant : Leslie J. Squires et al.  
Serial No. : 09/762,617  
Filing Date : March 30, 2001  
Title : IMPROVEMENTS RELATING TO THERMAL  
LAMINATION  
Examiner : Samchuan Cua Yao  
Art Unit : 1733

Pursuant to your e-mail of today's date, attached is a copy of the Abstract as filed in International Application No. PCT/GB/99/01356, no new matter has been added. The above application is a 371 of PCT/GB/99/01356.

Please let us know if you need anything further regarding this application.

If there are any problems in receiving this transmission, please call Amy Marshall at (937) 449-6400 immediately. Thank you.

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Docket HUN 0004 PA

## ABSTRACT

A method of and apparatus for laminating a first material (40) such as a spunbonded polymer having a point emboss pattern (41) formed thereon, to a second material (43) such as a polymer film, involves use of a lamination process using a point lamination pattern (56) provided on a heated calender roll (50). One or more geometric characteristics of the two patterns (41, 56) such as bonding/contact area, pitch or angle of axes, is selected and differentiated, prior to lamination, to control, during lamination, the amount of point mis-registration between the two patterns (41, 56). The laminate (60) can have optimum all over lamination if the amount of point mis-registration is maximized. An adhesive can be provided between the first and second materials (40, 43) to enable lamination of dissimilar composition materials.